

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows.

Please replace paragraph [0002] of the specification as originally filed with the paragraph below, which is marked-up to show the changes therein:

Generally, a wireless LAN system consists of an ~~ad-Hoc~~
ad-hoc network where a plurality of terminals, each of which
includes a wireless Network Interface Card (NIC), are connected to
each other and independently to wired LANs, and an infrastructure
network where wireless terminals are connected to wired LANs
through wireless access nodes. In an infrastructure network, a
wireless cell Basic Service Set (BSS) is formed centering on one
wireless access node. The wireless access node has the same
functionality as a cellular phone station and connects all wireless
terminals in the BSS to a LAN.

Please replace paragraph [0005] of the specification as originally filed with the paragraph below, which is marked-up to show the changes therein:

MAC addresses used for data communication between
wireless terminals through wireless access nodes are unique values
allocated upon manufacturing wireless LAN cards. The MAC
address is not varied and also is not encoded. Accordingly, MAC
addresses are exposed during data communication so that
anonymity of a user using a corresponding MAC address ~~can not~~
cannot be guaranteed. Thus, a user using the corresponding MAC
address may be easily tracked. That is, by merely monitoring
unique MAC addresses, private user information about network
access ~~[[state]]~~ states, network access time, etc., may be outflowed,
and more seriously, if any unique MAC address is exposed, a
greater risk exists for malicious users eavesdropping at the link

layer. Further, the possibility of an attack on the ~~[[to]]~~ encryption channels is increased in long-running monitoring.

Please replace paragraph [0024] of the specification as originally filed with the paragraph below, which is marked-up to show the changes therein:

Korean Patent Application No. 2002-39155, filed on July 6, 2002, and entitled: "Method of Guaranteeing Users' Anonymity ~~[[And]]~~ and Wireless Local Area Network (~~[[Lan]]~~ LAN) System Therefor," is incorporated by reference herein in its entirety.

Please replace paragraph [0046] of the specification as originally filed with the paragraph below, which is marked-up to show the changes therein:

The above-described preferred embodiments may be embodied as computer programs and may also be embodied on a general-purpose digital computer for executing the computer programs using a computer readable medium. The computer readable medium may include storage media, such as magnetic storage media (e.g. ROMs, floppy discs, hard discs, etc.), and optically readable media (e.g. CD-ROMs, DVDs, etc.), ~~and carrier waves (transmissions over the Internet).~~